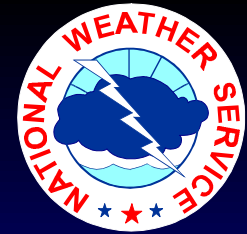
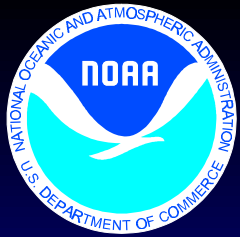
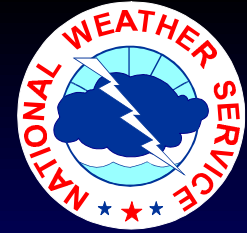
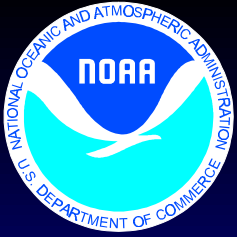


The Emergency Managers Weather Information Network



History of EMWIN

- Originally called WWIN (Wireless Weather Information Network)
- 1995 - Signal broadcast on Telstar 40 (Ku band)
- 1996 - Name changed to EMWIN to better reflect EM support
- 1996 - EMWIN signal added to GOES satellites
- 1996 - Pioneering VHF rebroadcast work in OK and other areas
- 1997 - First in series of baud rate increases (9600 baud)



Product Suite

- Warnings/watches/advisories
- Statements, short term forecasts
- Routine obs and forecasts
- Graphics and images
- Miscellaneous messages

Datastream Product Categories

Analyses

- " Environmental/Air Pollution, Hydrological/Marine, Surface, Misc

Climatic Products

- " Daily Surface, Monthly Surface, Misc

Forecasts

- " Aerodrome, Aviation Area, Extended, Flash Flood Guidance, Headwater Guidance, Hydrological, Iceberg, Local/Area, Misc, Public, Recreation/Travelers, River, Shipping Area

Graphics

- " AFOS charts and maps overlays

Images

- " GOES satellite

Misc

- " Civil Emergency Messages, Public Weather Statements

Reports

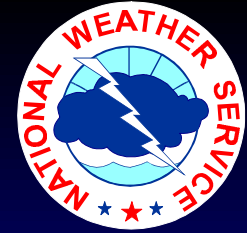
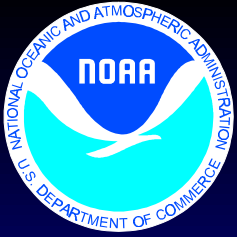
- " Radar, Seismic, Synoptic, Hydrological River, Drifting Buoy, Ice

Severe Weather

- " Warnings, Summaries, Statements, Advisories

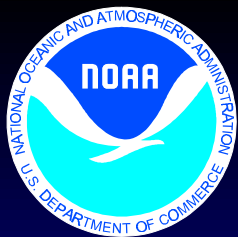
Warnings

- " Tsunami/Tide, Tornado, River Flood, Lakeshore/Marine, Typhoon/Hurricane, Marine/Coastal Flood, Severe Thunderstorm

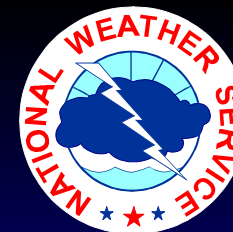


Data Reception

- Ku band satellite - Telstars
- GOES 8 and 10 satellite
- VHF/UHF rebroadcast (where established)
- Internet push and pull



EMWIN



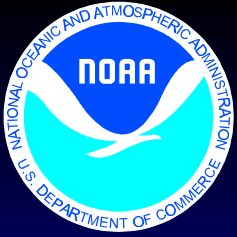
The EMWIN interface displays several weather-related maps and data visualizations:

- Top left: Satellite image of the western United States.
- Top center: Map of the United States with a color-coded overlay.
- Top right: Satellite image of the eastern United States.
- Bottom left: Map of the United States with a color-coded overlay.
- Bottom center: Map of the United States with a color-coded overlay.
- Bottom right: Map of the United States with a color-coded overlay.

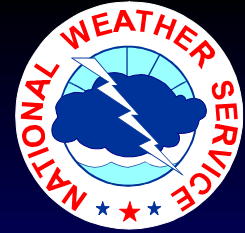
Navigation buttons are located at the bottom:

- Local Weather
- National Warnings
- National Items
- World Weather
- About IWIN
- Whats New
- Great Links
- NWSTV NWSRadio

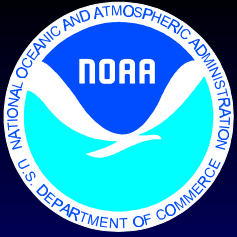
Vertical text on the left side reads "INFO" and on the right side reads "CENTER".



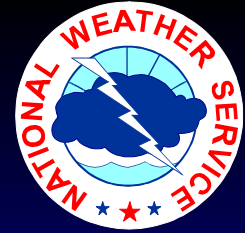
Processing Data



- Decode/display software (Windows)
- Unix software
- E-mail routines
- Software plug-ins (pager, etc.)



Limitations



- Only GOES/Internet broadcast owned by NWS
- Internet bandwidth/congestion
- Should be viewed as one of many dissemination channels

Gonzales, TX (SAT)

File Edit Alarms Bookmarks Texas National Help

1 of 3 TORBROT.TXT TORBROT.TXT

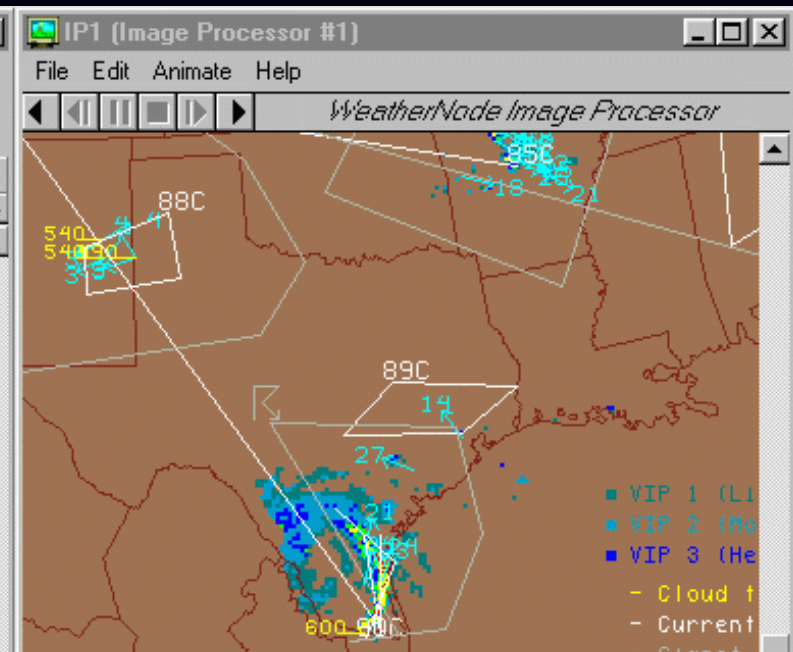
State/National Module - Texas Selected

WFUS1 KBR0 232129
TORBRO
TXC489-232230-

**BULLETIN - EAS ACTIVATION REQUESTED
TORNADO WARNING
NATIONAL WEATHER SERVICE BROWNSVILLE TX
427 PM CDT MON AUG 23 1999**

**THE NATIONAL WEATHER SERVICE IN BROWNSVILLE HAS
ISSUED A**

*** TORNADO WARNING FOR...
WILLACY COUNTY IN TEXAS**



WeatherNode Data Monitor

127.5MB / 29%

NOWOKCOK.TXT New 1 of 2 Quality=179/179 100%

